

A decorative graphic on the left side of the slide, resembling a spiral binding. It consists of a series of black, 3D-looking rings or loops that spiral downwards. A small, light blue sphere is positioned on one of the rings, approximately halfway down the slide.

# Biofortification Program

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Harnessing Agricultural Technology  
to Improve the Health and Nutritional  
Status of the Poor

# Biofortification Program

- CGIAR, International and US Universities, USDA to address hidden hunger and micronutrient malnutrition
- Major staple food crops:  
maize, rice, beans, sweet potato, cassava
- New paradigm - food system, diet based approach

# Nutrition and Agriculture Linkages

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- Agriculture and nutritional sciences
- Problem - Nutritional deficiency
- Target crops to improve nutritional status
- Sustainable, rural based approach

# Maize

- Nutritional Deficiencies by agro-ecological zones
- Enhanced levels of Vitamin A, Iron and zinc
- IITA, CIMMYT, Univ Illinois, Iowa State
- Nutrition bioefficacy studies

# Beans

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- Iron deficiency mapped
- Enhanced Iron and zinc levels
- CIAT, Univ Nairobi

# Sweet potato

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- Vitamin A Deficiency mapped
- East Africa
- Enhanced levels of beta carotene
- CIP, MRC